

ABSTRACT AMENDMENT(S)

Please replace the abstract as follows:

A method of assessing the effectiveness of pulmonary drug delivery, ~~comprising~~ including the steps of: a) providing a drug into an air flow past a sensor ~~comprising~~ including a radiation source and a radiation detector; b) detecting, at the radiation detector, incident radiation over a period of time as a measurement profile; c) quantifying at least one characteristic of the shape of a measurement profile; and d) producing an indication of the effectiveness of pulmonary drug delivery based upon the at least one quantified characteristic.